

4.2.A. 0801020702.

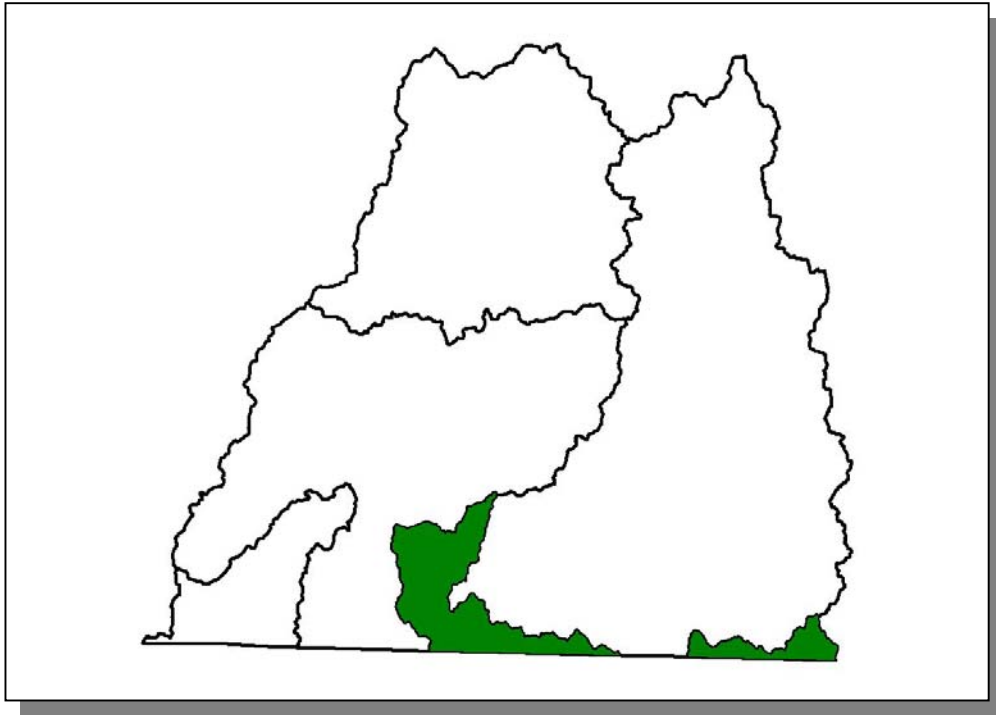


Figure 4-2. Location of Subwatershed 0801020702. All Little Hatchie River HUC-10 subwatershed boundaries in Tennessee are shown for reference.

4.2.A.i. 080102070202 (Bridge Creek).

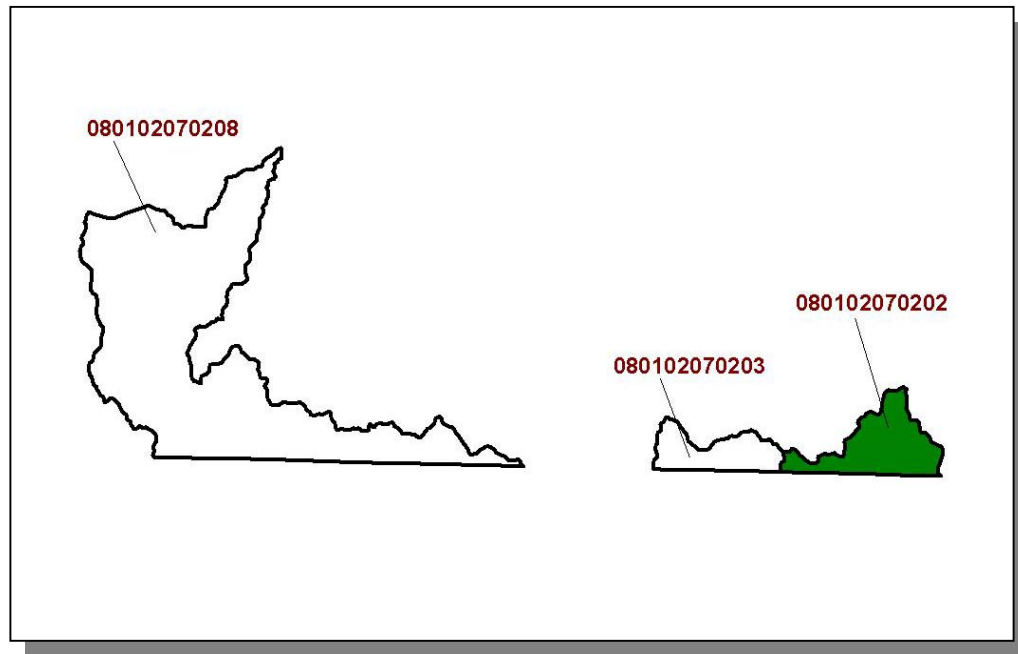


Figure 4-3. Location of Subwatershed 080102070202. All HUC-12 subwatershed boundaries are shown for reference.

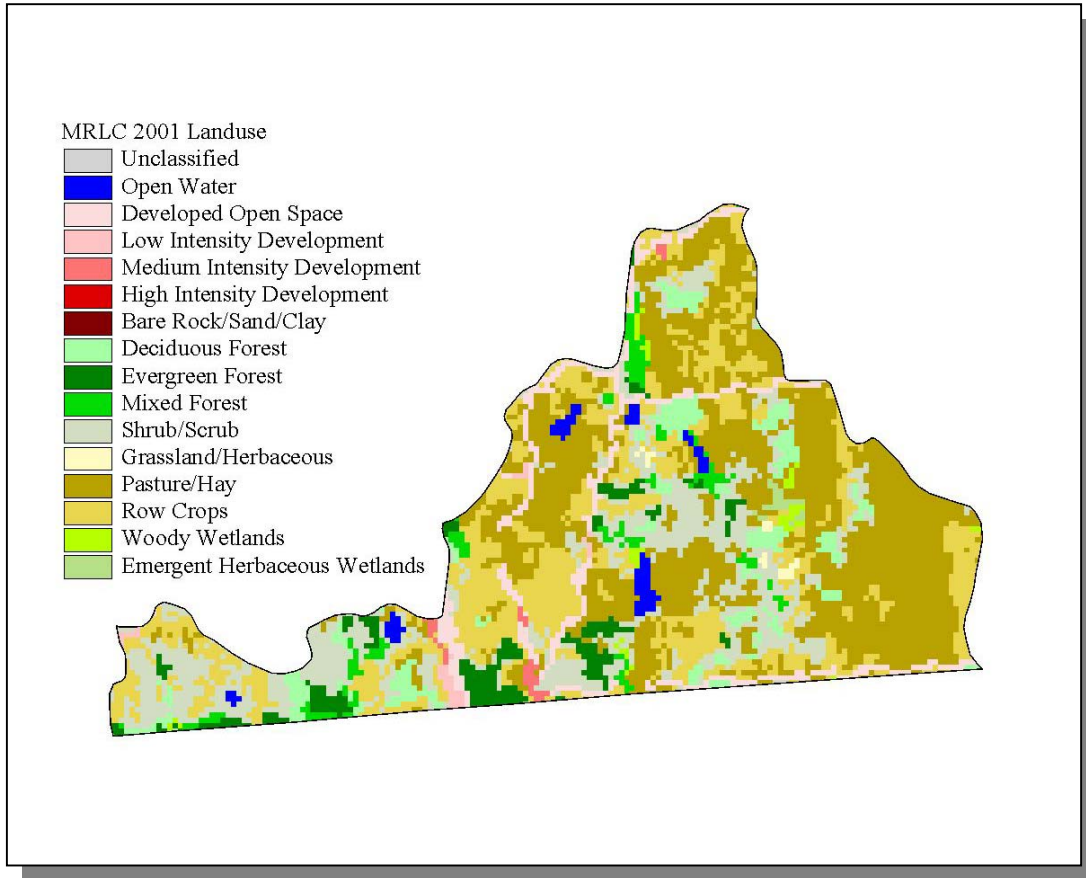


Figure 4-4. Illustration of Land Use Distribution in Subwatershed 080102070202.

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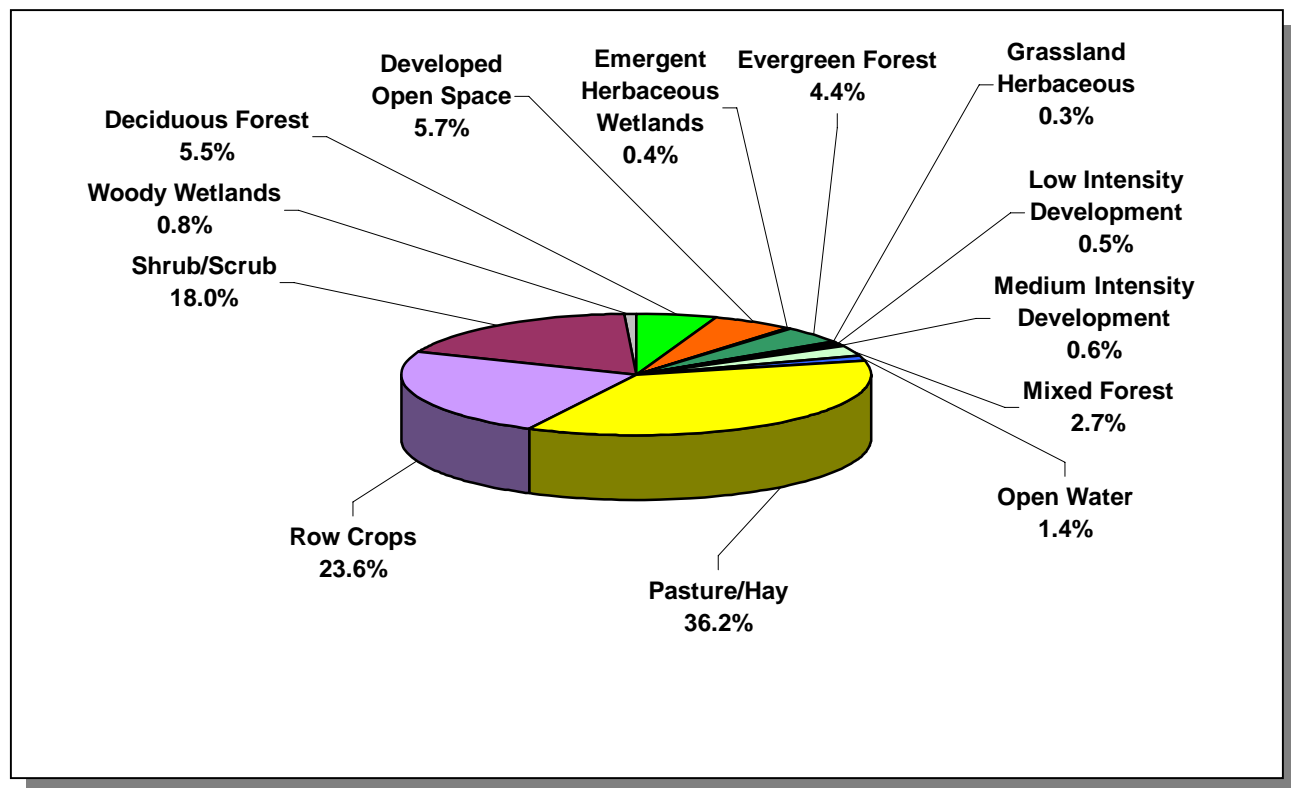


Figure 4-5. Land Use Distribution in Subwatershed 080102070202. More information is provided in Appendix IV.

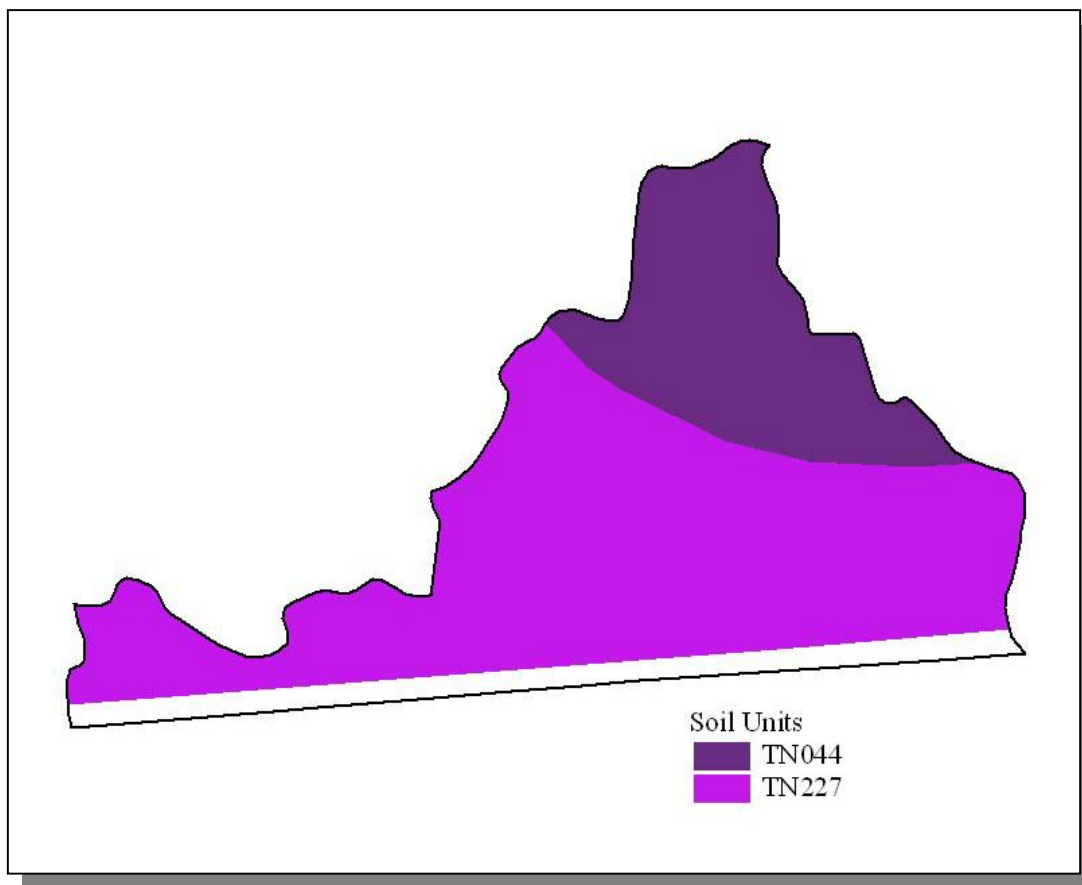


Figure 4-6. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102070202.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN044	0.00	C	1.48	5.32	Silty Loam	0.42
TN227	0.00	C	2.41	5.03	Silty Loam	0.38

Table 4-2. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102070202. The definition of "Hydrologic Group" is provided in Appendix IV.

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County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-2000)
	1990	1997	2000		1990	1997	2000	
McNairy	22,422	23,678	24,653	0.16	37	39	41	10.8

Table 4-3. Population Estimates in Subwatershed 080102070202.

Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Guys	McNairy	492	194	4	182	8

Table 4-4. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 080102070202.

4.2.A.i.a. Point Source Contributions.

There are no point source contributions in this subwatershed.

4.2.A.i.b. Nonpoint Source Contributions.

LIVESTOCK COUNTS			
Beef Cow	Cattle	Hogs	Sheep
70	136	77	<5

Table 4-5. Summary of Livestock Count Estimates in Subwatershed 080102070202. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

LIVESTOCK COUNTS						
County	Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
McNairy	5,659	10,365	7	491	11,346	98

Table 4-6. Summary of Livestock Count Estimates in Knox County. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

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	INVENTORY		REMOVAL RATE	
County	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
McNairy				

Table 4-7. Forest Acreage and Annual Removal Rates (1987-1994) in McNairy County.

CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	0.61
Grass (Hayland)	0.88
Legumes, Grass (Hayland)	0.07
Legumes (Hayland)	0.12
Grass, Forbs, Legumes (Mixed Pasture)	0.87
Corn (Row Crops)	8.76
Cotton (Row Crops)	11.84
Sorghum (Row Crops)	3.62
Soybeans (Row Crops)	8.00
Wheat (Close-Grown Cropland)	1.92
Other Cropland not Planted	1.98
Conservation Reserve Program Lands	0.23
Farmsteads and Ranch Headquarters	0.09

Table 4-8. Annual Estimated Total Soil Loss in Subwatershed 080102070202.

4.2.A.ii. 080102070203 (Cain Creek).

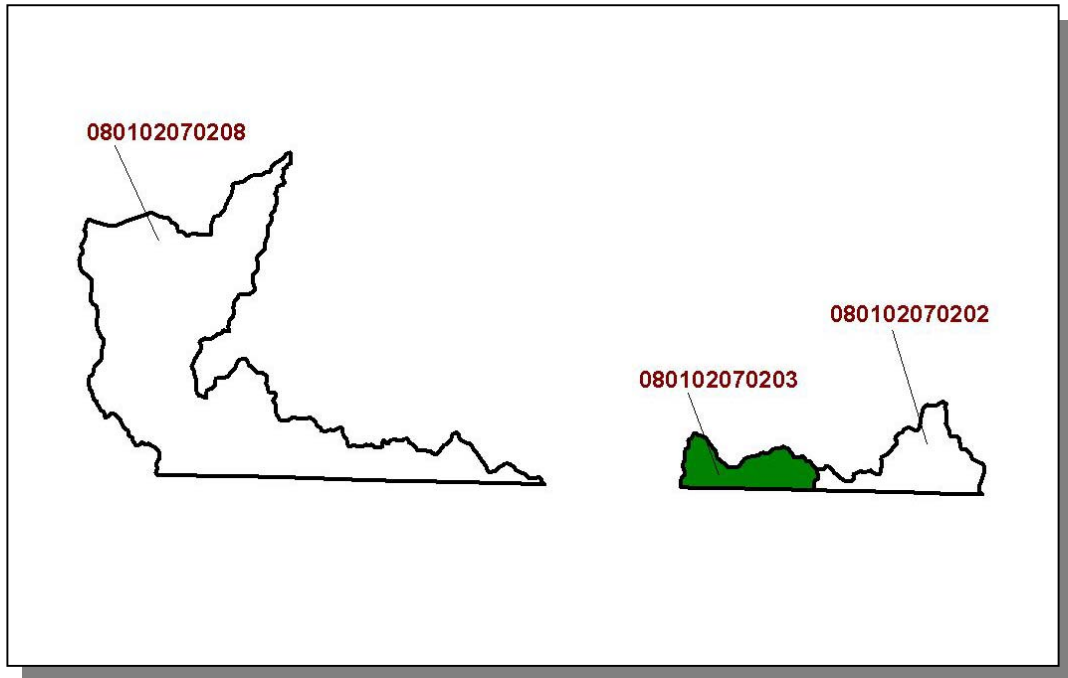


Figure 4-7. Location of Subwatershed 080102070203. All HUC-12 subwatershed boundaries are shown for reference.

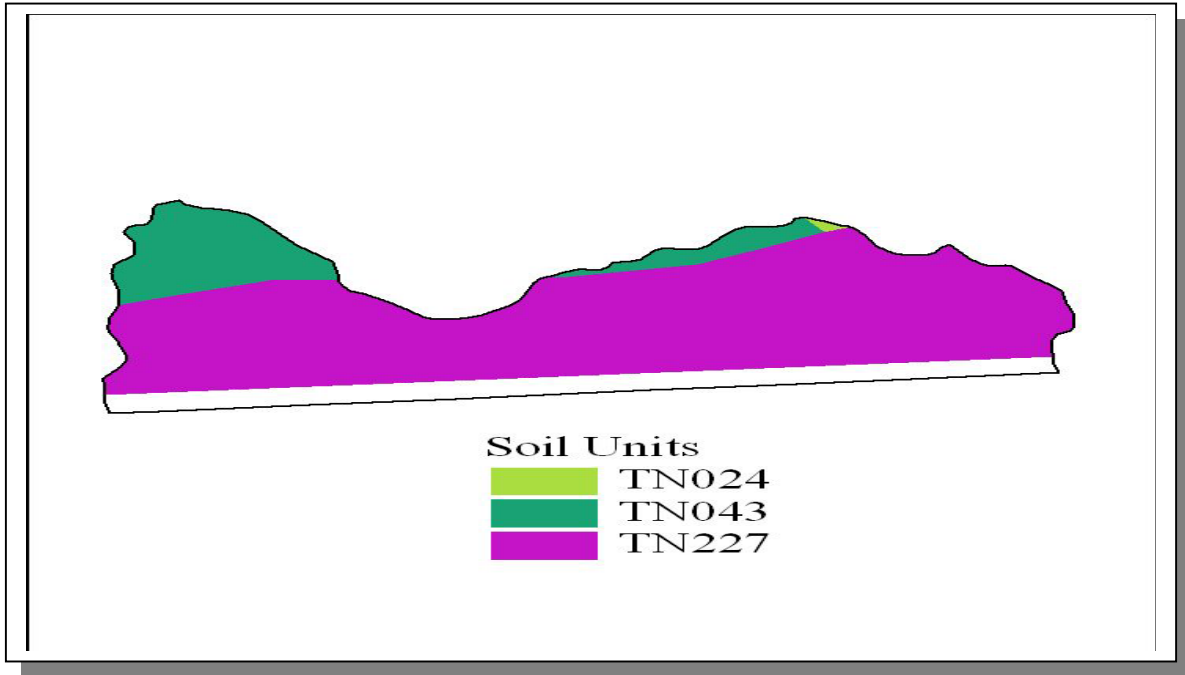


Figure 4-8. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102070203.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN024	61.00	D	2.18	5.35	Loam	0.29
TN043	0.00	C	2.70	5.02	Loam	0.30
TN227	0.00	C	2.41	5.03	Silty Loam	0.38

Table 4-9. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102070203. The definition of "Hydrologic Group" is provided in Appendix IV.

County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-2000)
	1990	1997	2000		1990	1997	2000	
McNairy	22,422	23,678	24,653	0.04	10	10	11	10.0

Table 4-10. Population Estimates in Subwatershed 080102070203.

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			NUMBER OF HOUSING UNITS			
Populated Place	County	Population	Total	Public Sewer	Septic Tank	Other
Guys	McNairy	492	194	4	182	8

Table 4-11. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 080102070203.

4.2.A.ii.a. Point Source Contributions.

There are no point source contributions in this subwatershed.

4.2.A.ii.b. Nonpoint Source Contributions.

LIVESTOCK COUNTS		
Beef Cow	Cattle	Hogs
12	23	6

Table 4-12. Summary of Livestock Count Estimates in Subwatershed 080101070203. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

LIVESTOCK COUNTS						
County	Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
McNairy	5,659	10,365	7	491	11,346	98

Table 4-13. Summary of Livestock Count Estimates in McNairy County. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

INVENTORY		REMOVAL RATE	
County	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)
McNairy			

Table 4-14. Forest Acreage and Annual Removal Rates (1987-1994) in McNairy County.

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CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	0.63
Grass (Hayland)	1.17
Legumes, Grass (Hayland)	0.07
Legumes (Hayland)	0.12
Grass, Forbs, Legumes (Mixed Pasture)	0.97
Corn (Row Crops)	7.94
Cotton (Row Crops)	14.17
Sorghum (Row Crops)	3.61
Soybeans (Row Crops)	7.36
Wheat (Close-Grown Cropland)	1.92
Other Cropland not Planted	1.87
Conservation Reserve Program Lands	0.21
Farmsteads and Ranch Headquarters	0.08

Table 4-15. Annual Estimated Total Soil Loss in Subwatershed 080102070203.

4.2.A.iii. 080102070208 (Tuscumbia Creek).

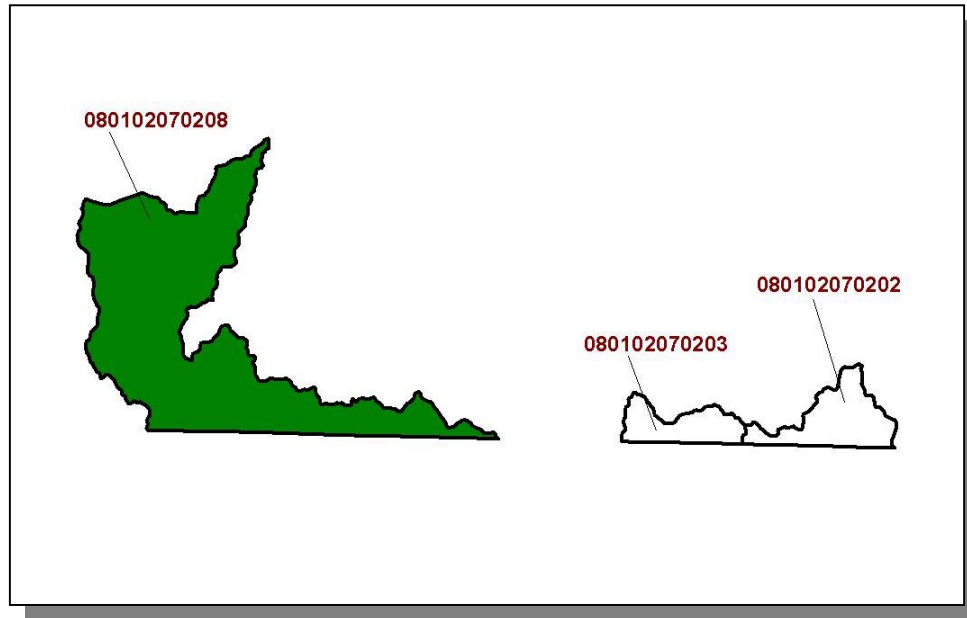


Figure 4-9. Location of Subwatershed 080102070208. All HUC-12 subwatershed boundaries are shown for reference.

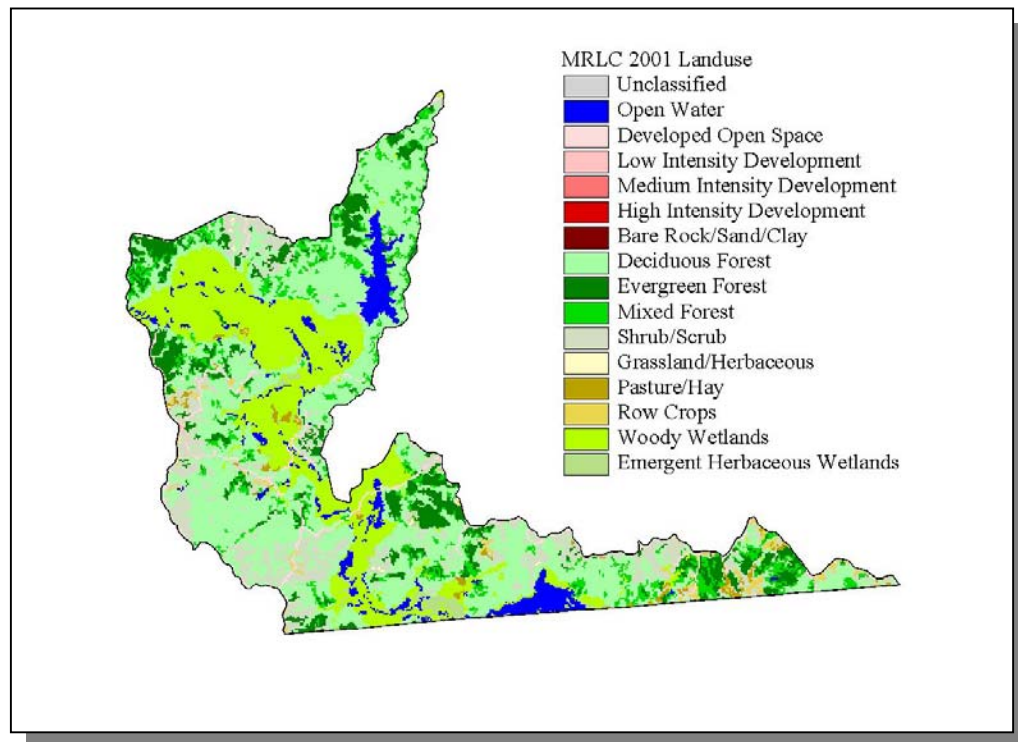


Figure 4-10. Illustration of Land Use Distribution in Subwatershed 080102070208.

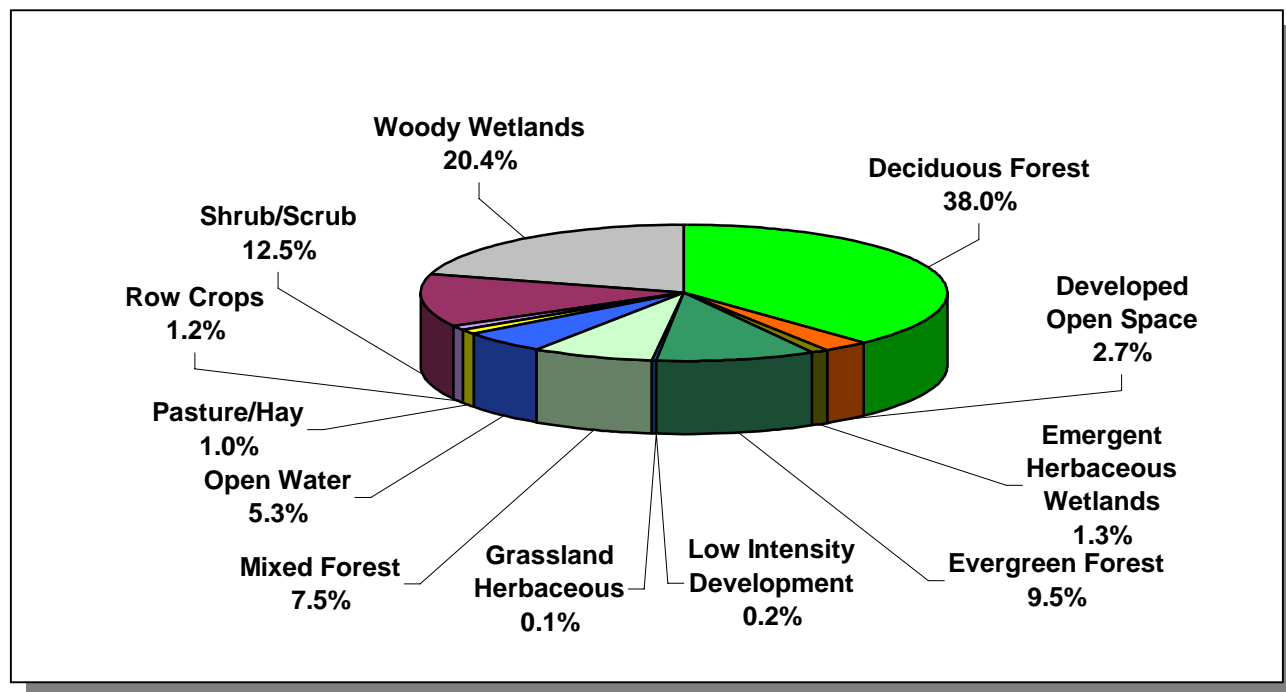


Figure 4-11. Land Use Distribution in Subwatershed 080102070208. More information is provided in Appendix IV.

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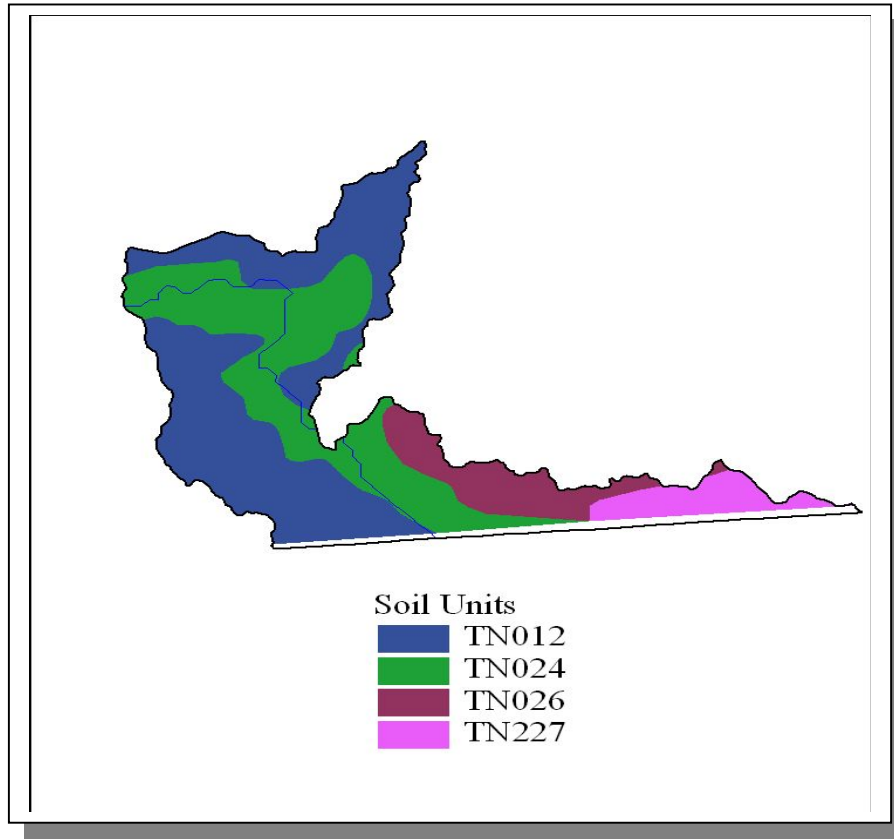


Figure 4-12. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102070208.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN012	1.00	C	2.52	5.13	Silty Loam	0.39
TN024	61.00	D	2.18	5.35	Loam	0.29
TN026	0.00	B	1.52	5.13	Silty Loam	0.40
TN227	0.00	C	2.41	5.03	Silty Loam	0.38

Table 4-16. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102070208. The definition of "Hydrologic Group" is provided in Appendix IV.

County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-2000)
	1990	1997	2000		1990	1997	2000	
McNairy	22,422	23,678	24,653	2.32	520	549	572	10.0

Table 4-17. Population Estimates in Subwatershed 080102070208.

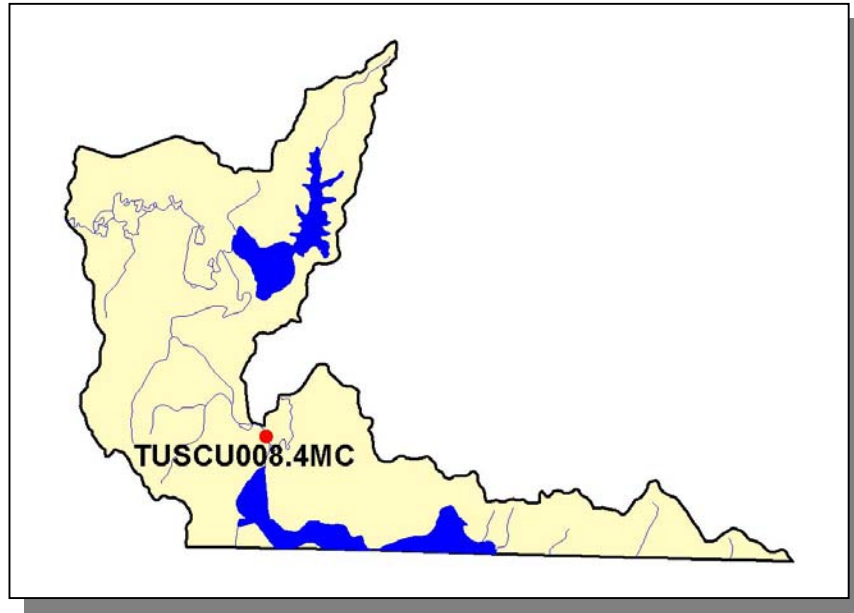


Figure 4-13. Location of Monitoring Sites in EPA's STORET Database in Subwatershed 080102070208. More information, including site names and locations, is provided in Appendix IV.

4.2.A.iii.a. Point Source Contributions.

There are no point source contributions in this subwatershed.

4.2.A.iii.b. Nonpoint Source Contributions.

LIVESTOCK COUNTS		
Beef Cow	Cattle	Hogs
25	49	22

Table 4-18. Summary of Livestock Count Estimates in Subwatershed 080102070208. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

LIVESTOCK COUNTS						
County	Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
McNairy	5,659	10,365	7	491	11,346	98

Table 4-19. Summary of Livestock Count Estimates in McNairy County. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

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County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
McNairy				

Table 4-20. Forest Acreage and Annual Removal Rates (1987-1994) in McNairy County.

CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	0.57
Grass (Hayland)	0.35
Legumes, Grass (Hayland)	0.07
Legumes (Hayland)	0.12
Grass, Forbs, Legumes (Mixed Pasture)	0.69
Corn (Row Crops)	10.22
Cotton (Row Crops)	7.72
Sorghum (Row Crops)	3.61
Soybeans (Row Crops)	9.14
Wheat (Close-Grown Cropland)	1.92
Other Cropland not Planted	2.17
Conservation Reserve Program Lands	0.26
Farmsteads and Ranch Headquarters	0.10

Table 4-21. Annual Estimated Total Soil Loss in Subwatershed 080102070208.